



FEMA

Disclaimer: The purpose of this briefing is to provide a ***Regional*** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to www.weather.gov/srh and click on the "Weather Forecast Offices" tab and click on the map for your area.

FEMA Region 6 Weather Threat Briefing

Tuesday, September 26, 2017
Issued: 0800 CT

Day 1 Weather Impacts: Heavy rain and areas of flash flooding over west, southwest, and west central TX. Isolated severe thunderstorms possible for SE NM/SW TX.

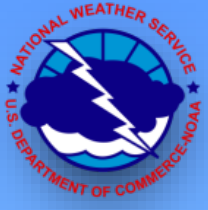
National Weather Service

*Southern Region Headquarters
Regional Operations Center
Fort Worth, TX*



**Prepared by: Lauren Nash
817-978-1100 x 147**

Key Points



Today through Saturday

- Multiple rounds of heavy rain will lead to areas of flash flooding over the next few days over west, southwest, and west central TX . Isolated severe thunderstorms possible today in SE NM/SW TX.
- A few minor rises in flashier rivers is possible by the mid week.
- Drought relief is expected for western and southwestern TX

Tropical Outlook

- Hurricane Maria is 190 miles SSE of Cape Hatteras, NC and will move north off the east coast in the coming days; no impact to FEMA Region 6
- Hurricane Lee will remain in the central Atlantic; no impacts to FEMA Region 6

FEMA Region 6 Threat Matrix

Sep 26, 2017 - Sep 30, 2017

| | TUE | WED | THU | FRI | SAT |
|-----------------------------|------------------------------------|----------------------------|----------------------------|---------------|-----|
| Severe Weather | Isolated Severe Storms SE NM/SW TX | | | | |
| Heavy Rain / Flash Flooding | W/SW/Cntrl TX Central OK | W/SW/Cntrl TX N Central NM | W/SW/Cntrl TX N Central NM | W/SW/Cntrl TX | |
| Fire Weather | | | | | |
| River Flooding | | | | | |
| Tropical Weather | | | | | |

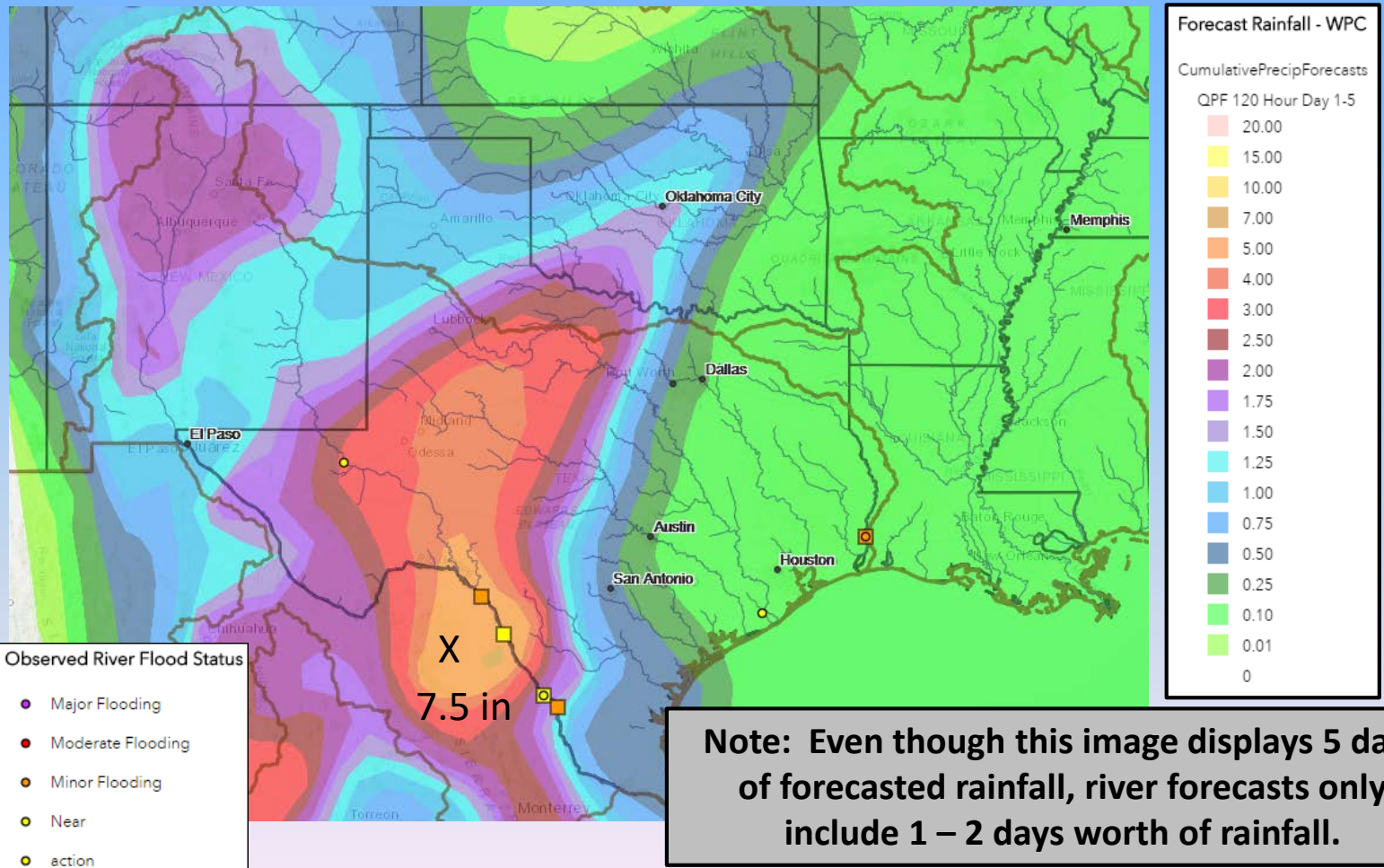
| | |
|--|-----------------------------------|
| | No Weather Threats Expected |
| | Very Common – Happens Often |
| | Common – Happens Frequently |
| | Uncommon – A Few Times a Year |
| | Rare – Once Every 1-5 Years |
| | Very Rare – Once Every 5-10 Years |

For more details on the colors in the threat matrix refer to the last slide in this briefing.



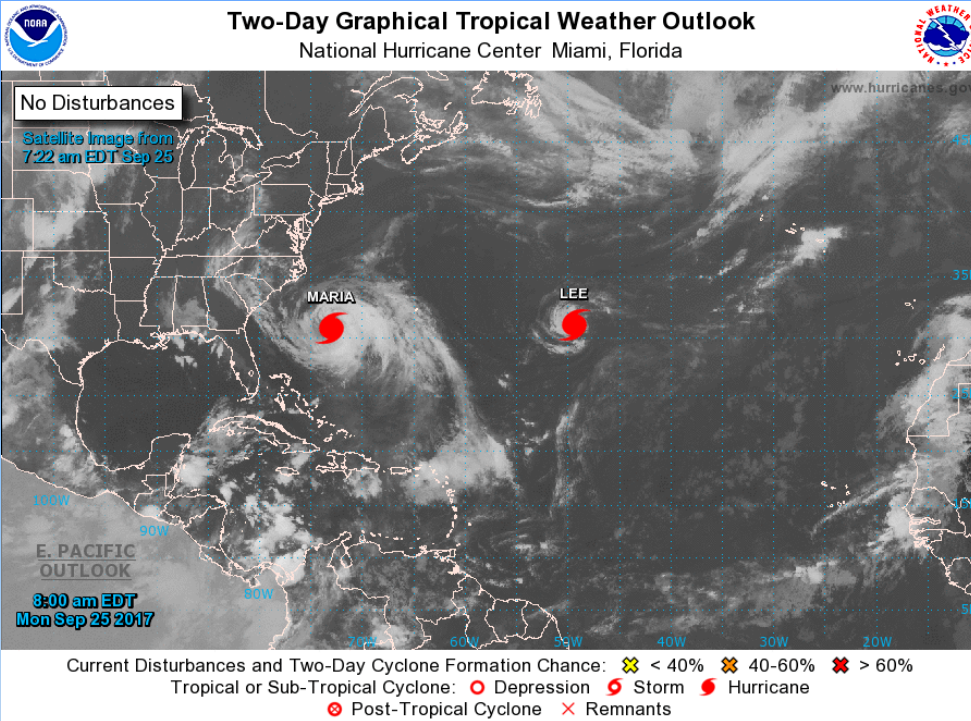
5-Day Precipitation Forecast & River Flood Status

Heavy rain and a flash flood threat expected over west, southwest, and west central TX over the next few days. A few rises on flashier rivers possible toward the middle of the week.



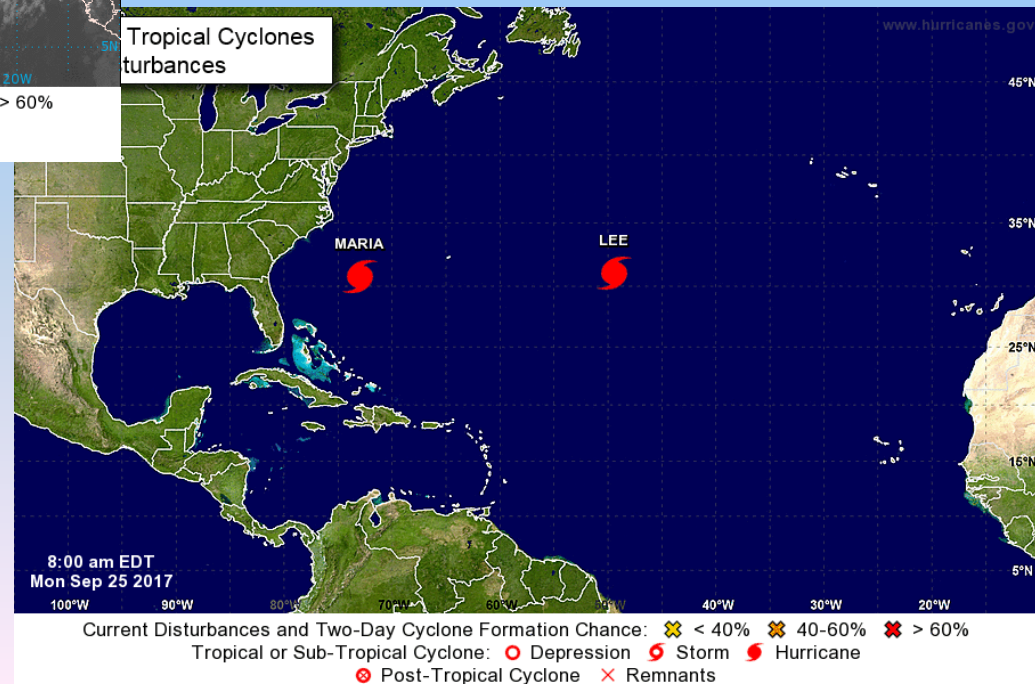
For the latest on river flooding: <http://water.weather.gov/ahps>

Tropical Weather Outlook

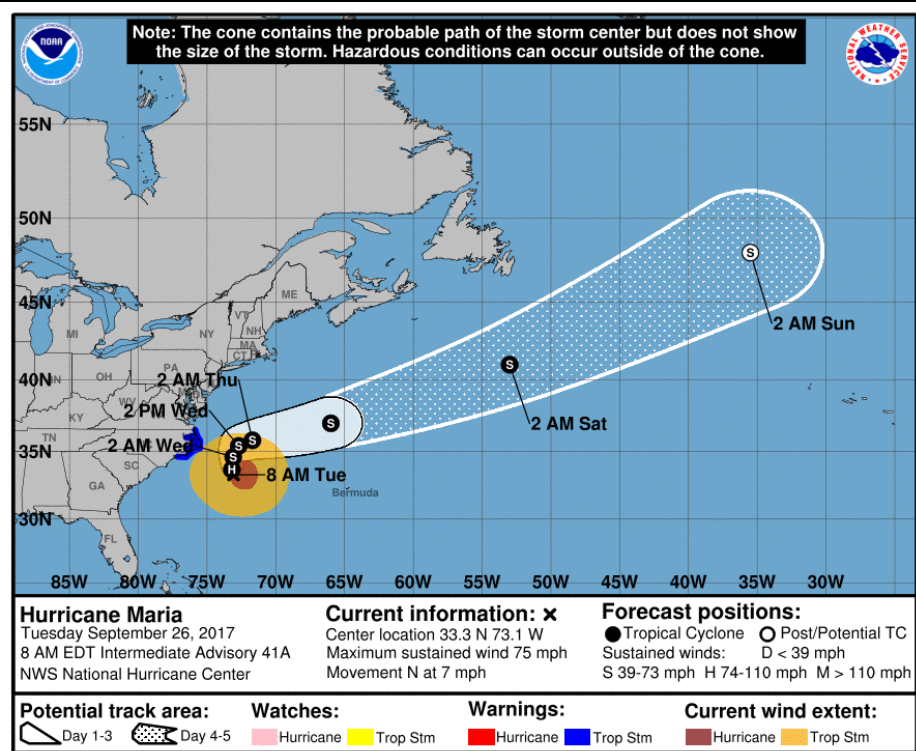


Hurricane Lee will remain in the central Atlantic...no impact to FEMA Region 6.

See following slide for more information on Hurricane Maria.

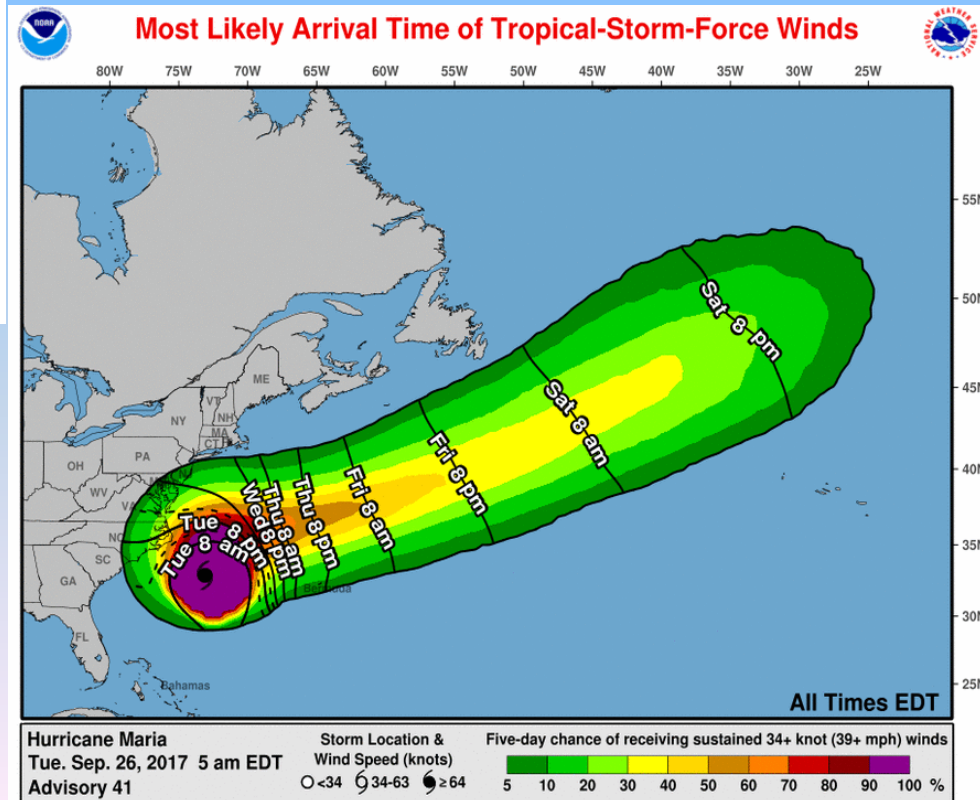


Hurricane Maria

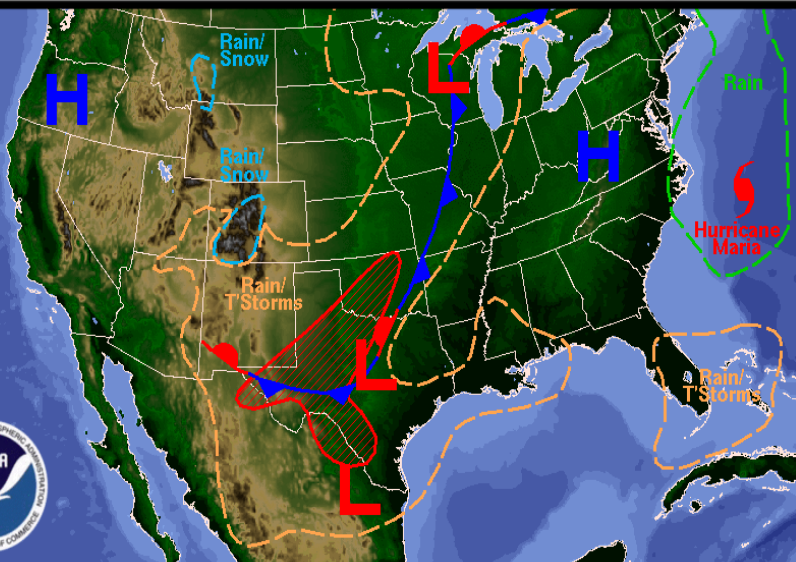


Hurricane Maria is located 190 miles SSE of Cape Hatteras, NC and is moving to the N at 7 mph. Maximum sustained winds are around 75 mph.

Maria is forecast to continue moving north for the next several days before turning to the E-NE off the Mid-Atlantic coast. No impacts to Region 6.



Today's Weather



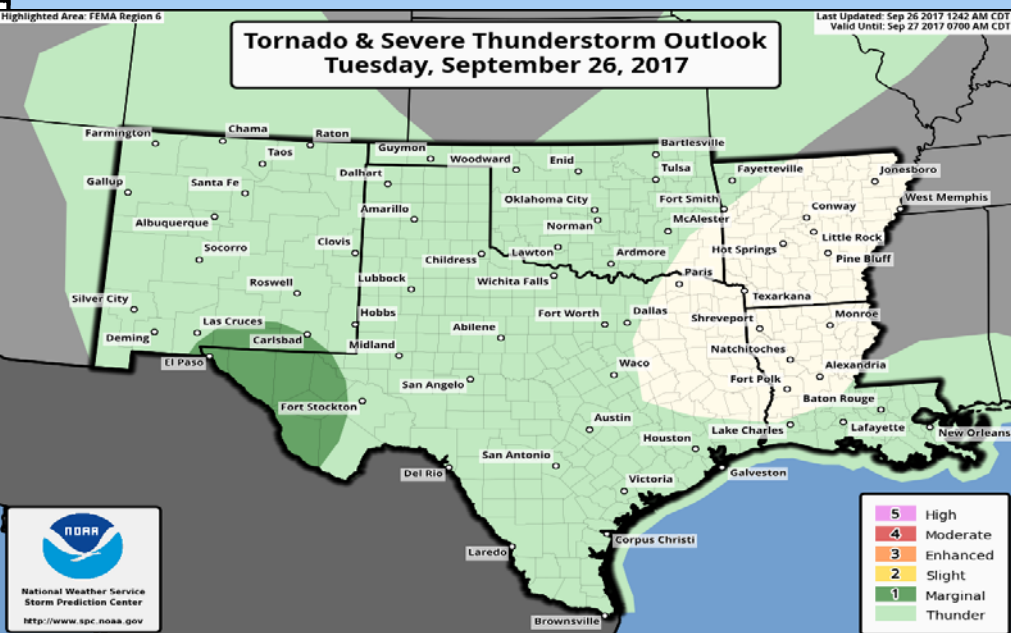
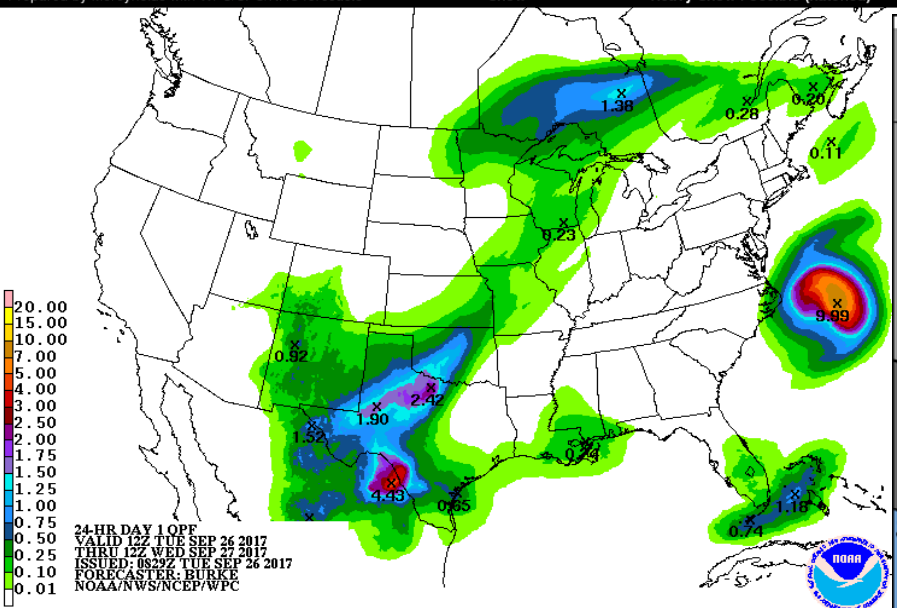
Day 1 National Forecast Chart

Valid Tue, Sep 26, 2017, issued 4:33 AM EDT
 DOC/NOAA/NWS/NCEP/Weather Prediction Center
 Prepared by McCreynolds with WPC/SPC/NHC forecasts

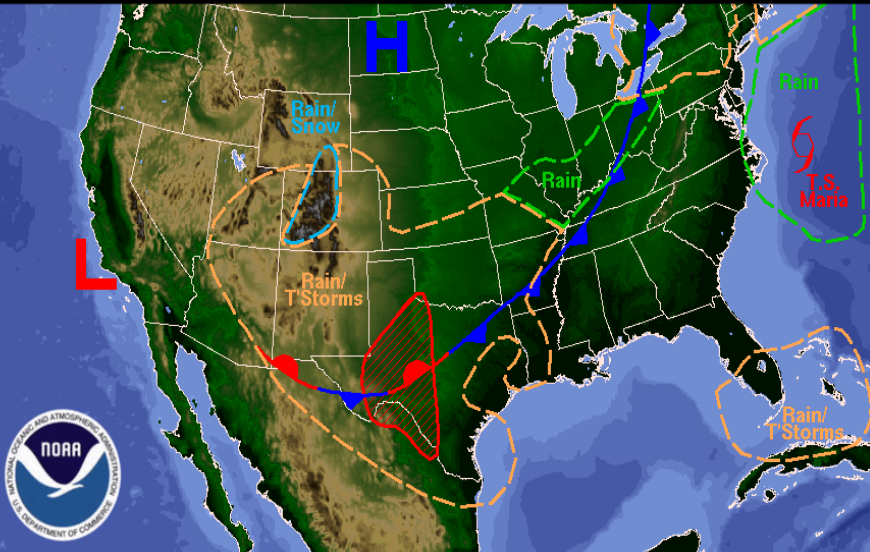
Rain
 Rain and T'Storms
 Rain and Snow
 Snow
 Flash Flooding Possible (hatched)
 Severe T'Storms Possible (hatched)
 Freezing Rain Possible (hatched)
 Heavy Snow Possible (hatched)

Heavy rain and areas of flash flooding over west, southwest, and west central TX. Flash Flood Watches are in effect for SW Texas.

Marginal Risk for severe storms over SE NM/SW TX.



Tomorrow's Weather

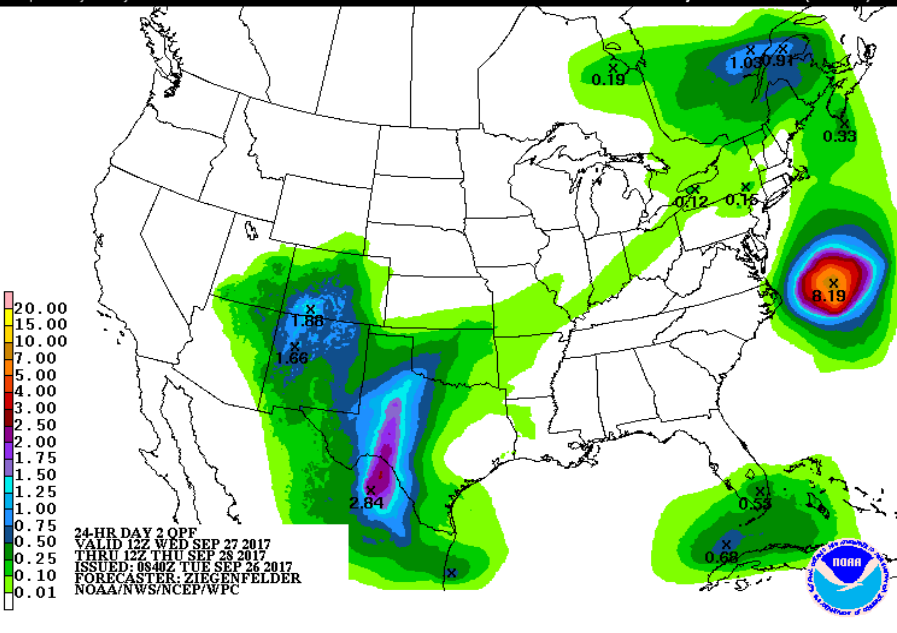


Day 2 National Forecast Chart

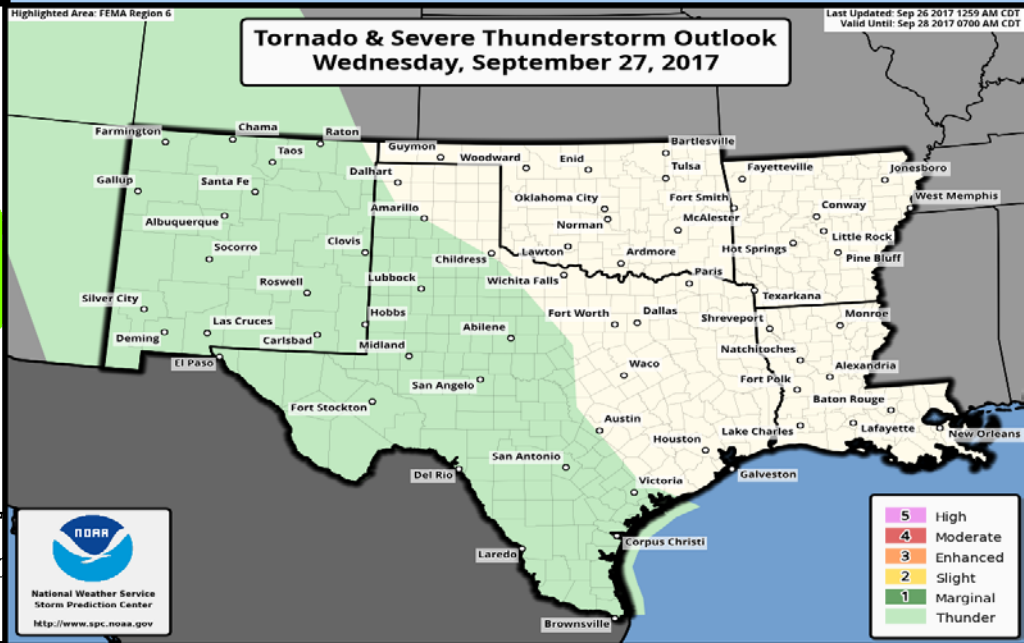
Valid Wed, Sep 27, 2017, issued 4:36 AM EDT Tue, Sep 26, 2017
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Mcreynolds with WPC/SPC/NHC forecasts

Rain
Rain and T'Storms
Rain and Snow
Snow
Flash Flooding Possible (hatched)
Severe T'Storms Possible (hatched)
Freezing Rain Possible (hatched)
Heavy Snow Possible (hatched)

Flash flood threat continues from west, southwest, and west central TX and N Central NM. Flash Flood Watches remain in effect for SW TX.



24-HR DAY 2 O/PF
VALID 12Z WED SEP 27 2017
THRU 12Z THU SEP 28 2017
ISSUED: 0840Z TUE SEP 26 2017
FORECASTER: ZIEGENFELDER
NOAA/NWS/NCEP/WPC



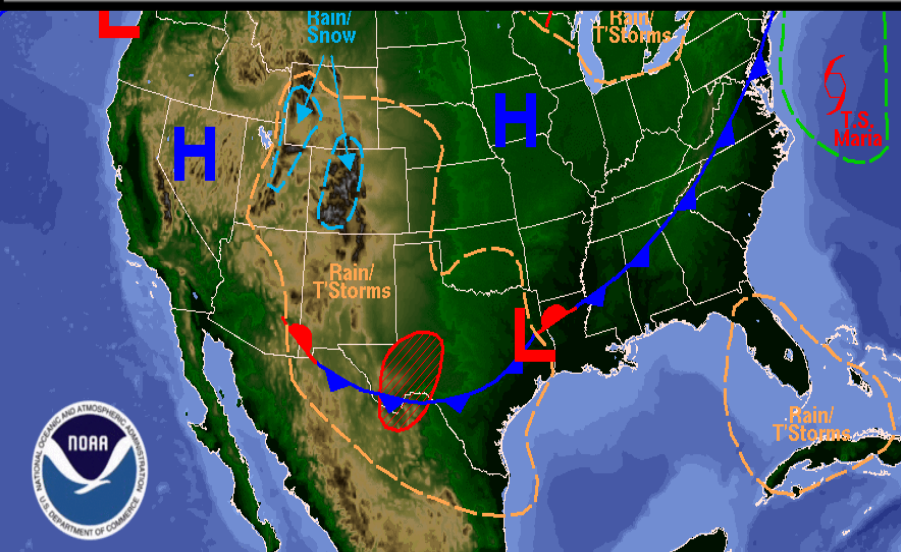
Tornado & Severe Thunderstorm Outlook Wednesday, September 27, 2017

Last Updated: Sep 26 2017 1255 AM CDT
Valid Until: Sep 28 2017 0700 AM CDT



Thursday's Weather

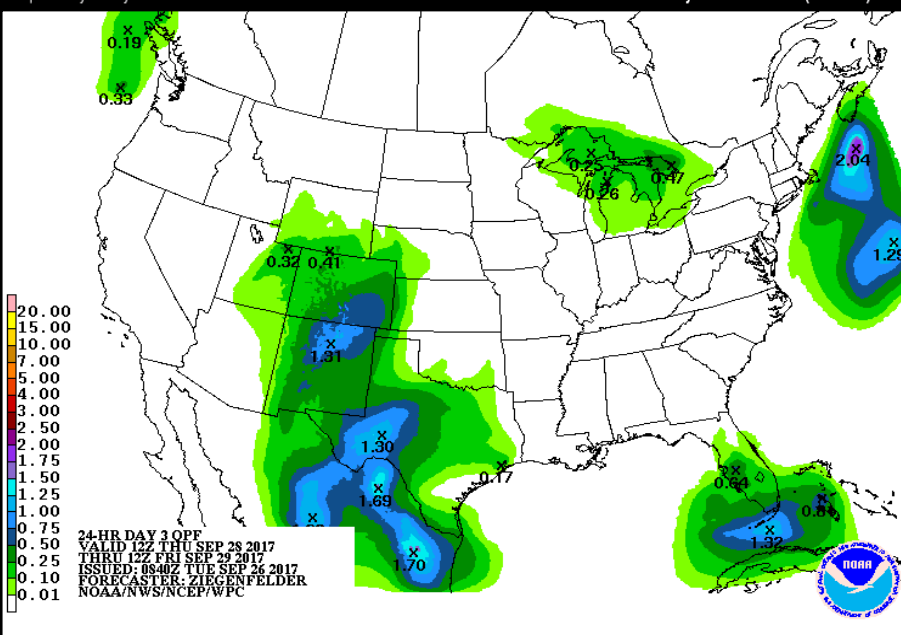
Flash flood threat continues from west, southwest, and west central TX and N Central NM.



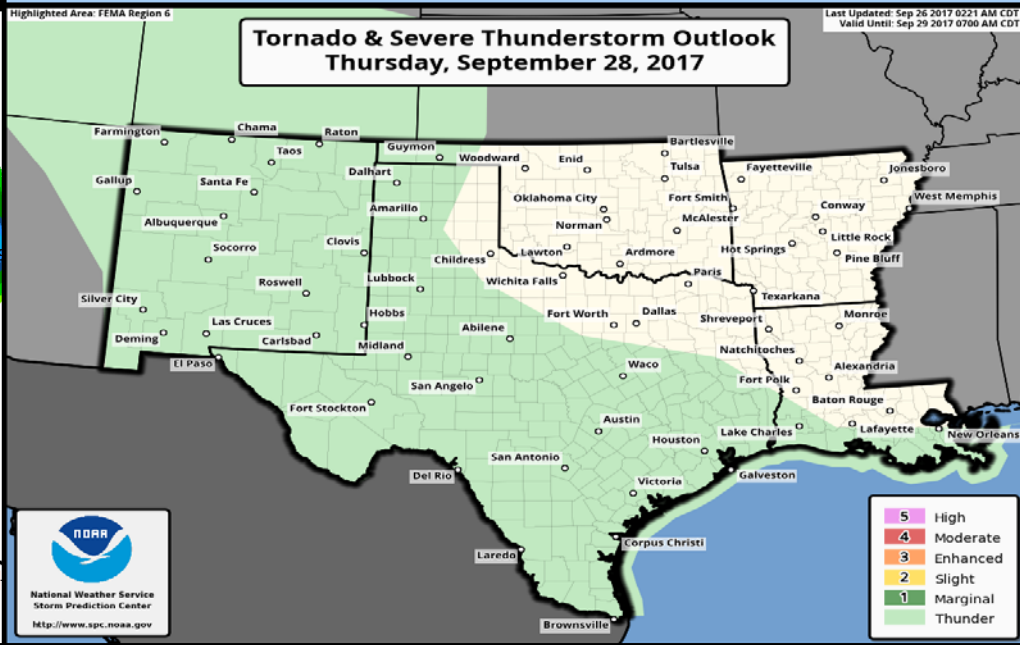
Day 3 National Forecast Chart

Valid Thu, Sep 28, 2017, issued 4:41 AM EDT Tue, Sep 26, 2017
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Mcreynolds with WPC/SPC/NHC forecasts

Rain
Rain and T'Storms
Rain and Snow
Snow
Flash Flooding Possible (hatched)
Severe T'Storms Possible (hatched)
Freezing Rain Possible (hatched)
Heavy Snow Possible (hatched)



24-HR DAY 3 OPT
VALID 12Z THU SEP 28 2017
THRU 12Z FRI SEP 29 2017
ISSUED: 0840Z TUE SEP 26 2017
FORECASTER: ZIEGENFELDER
NOAA/NWS/NCEP/WPC



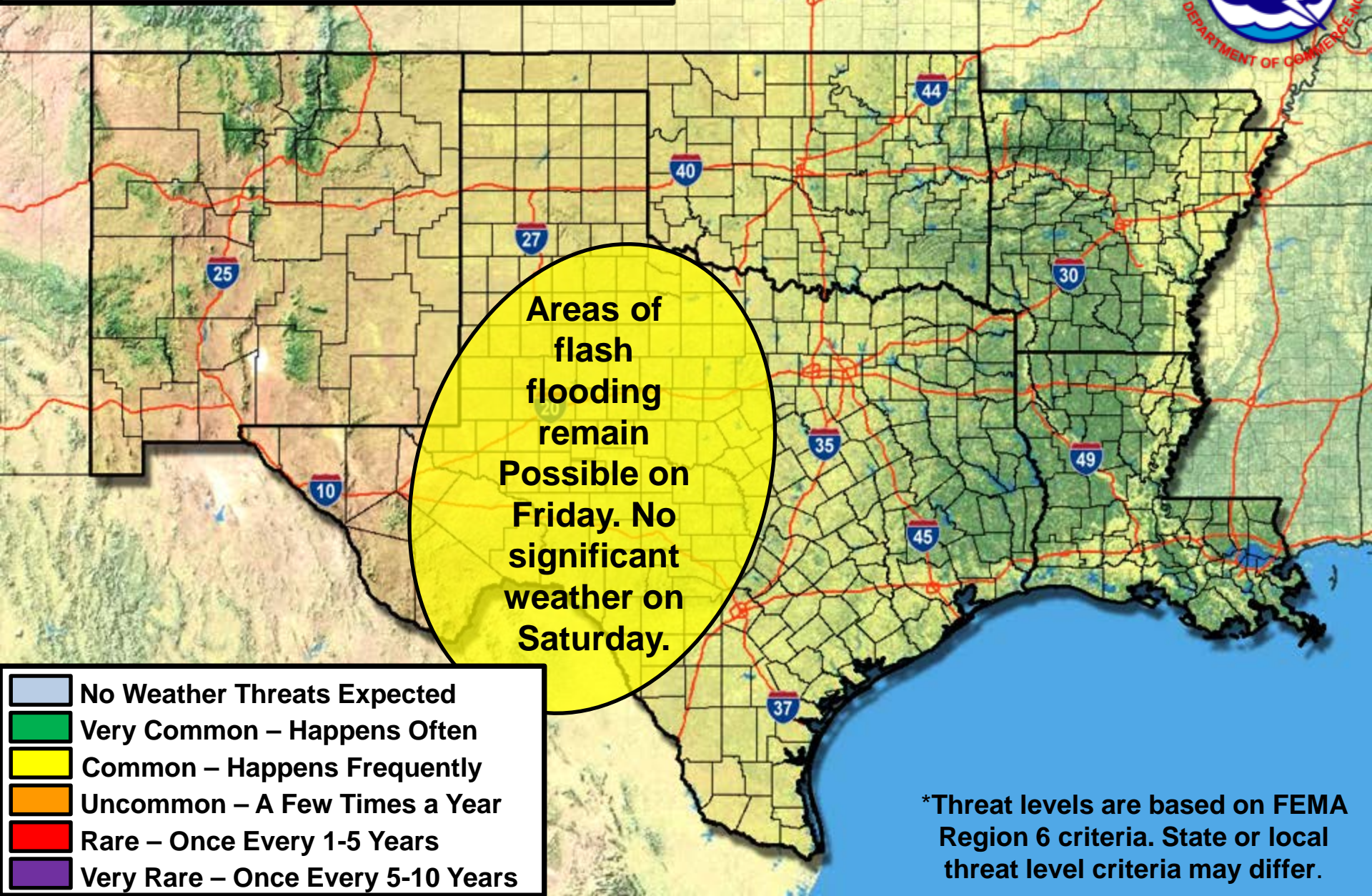
Tornado & Severe Thunderstorm Outlook Thursday, September 28, 2017







Last Updated: Sep 26 2017 02:21 AM CDT
Valid Until: Sep 29 2017 07:00 AM CDT



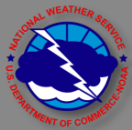
Day 4-5 Weather Hazards

Valid: 0800 Fri – 0800 Sun



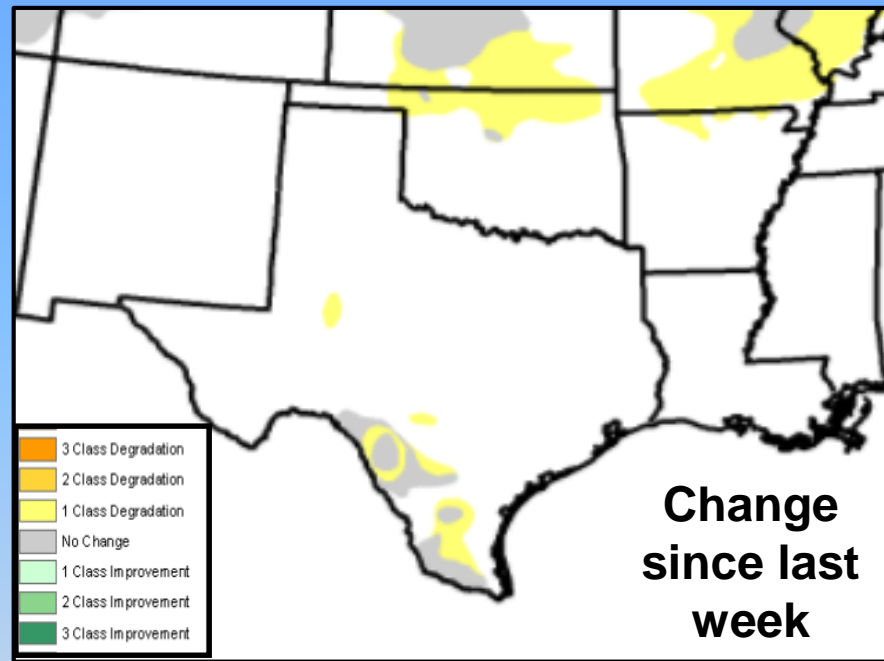
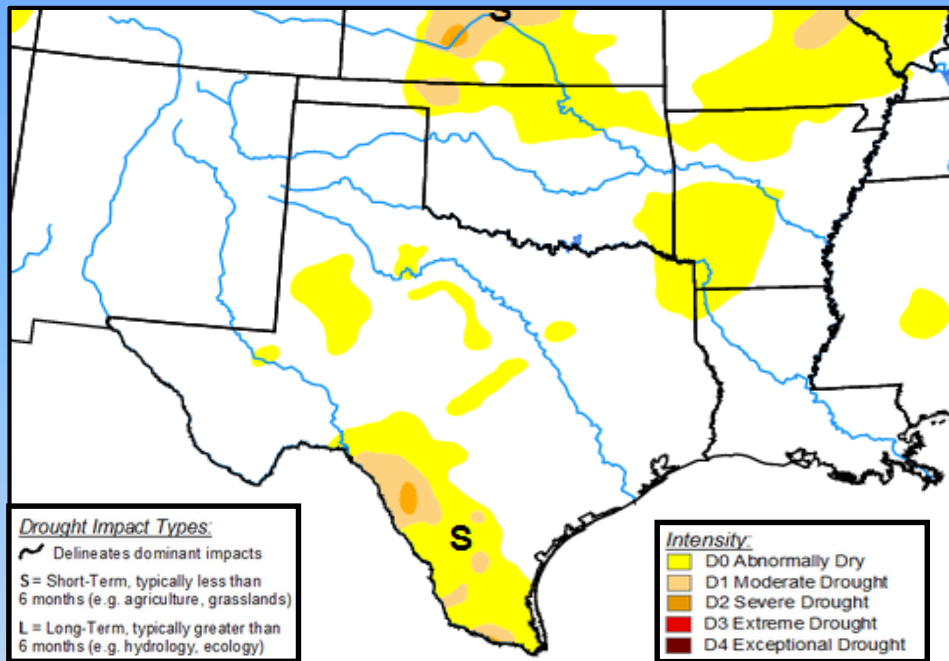
| | |
|---|-----------------------------------|
|  | No Weather Threats Expected |
|  | Very Common – Happens Often |
|  | Common – Happens Frequently |
|  | Uncommon – A Few Times a Year |
|  | Rare – Once Every 1-5 Years |
|  | Very Rare – Once Every 5-10 Years |

**Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.*



Drought Monitor Released 21 September, 2017

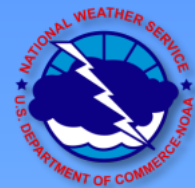
Data valid as of 7am CDT, Tuesday, September 19, 2017



Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

| State | Current | Last Week | 3 Months Ago | 1 Year Ago |
|------------|---------|-----------|--------------|------------|
| Oklahoma | 0.00% | 0.00% | 0.00% | 0.00% |
| Arkansas | 0.00% | 0.00% | 0.00% | 0.00% |
| Texas | 0.00% | 0.00% | 0.00% | 0.00% |
| Louisiana | 0.00% | 0.00% | 0.00% | 0.00% |
| New Mexico | 0.00% | 0.00% | 0.00% | 0.00% |

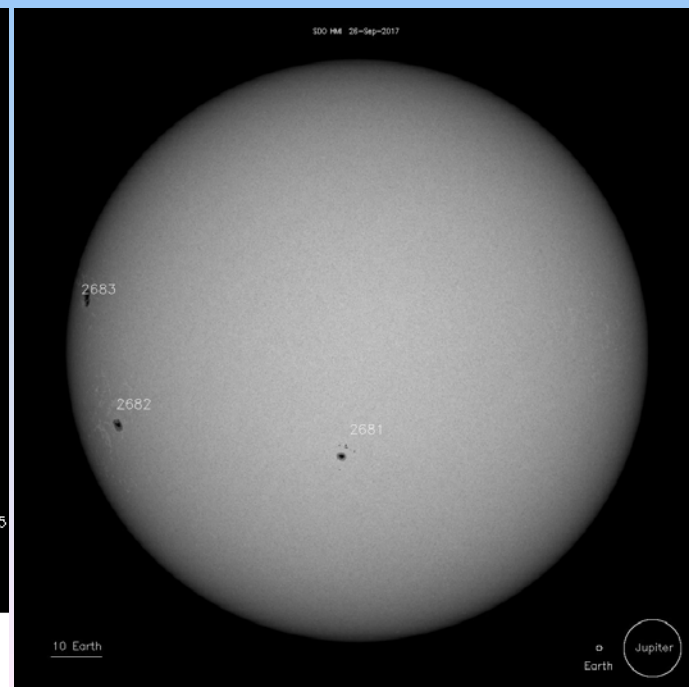
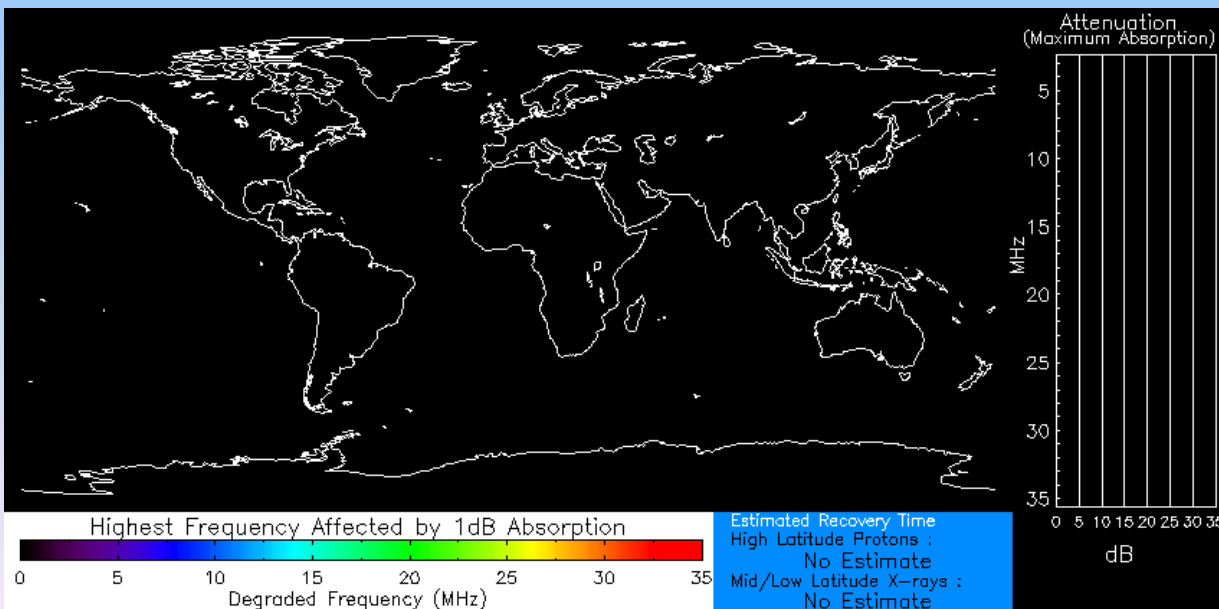
Space Weather 3-Day Forecast



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)

| | Tuesday | Wednesday | Thursday |
|-------------------------------|------------------------|-------------------------------|----------------------------------|
| Geomagnetic Storms | Unsettled (Max Kp = 3) | Minor (G1) Storm (Max Kp = 5) | Moderate (G2) Storm (Max Kp = 6) |
| Solar Radiation Storm (S1-S5) | 1% | 1% | 1% |
| Radio Blackout (R1-R2) | 15% | 15% | 15% |
| Radio Blackout (R3-R5) | 1% | 1% | 1% |



Information provided by:



National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747 ***New Direct Number**
E-mail: sr-srh.roc@noaa.gov
Web: <http://www.weather.gov/srh> (**NEW link!!**)

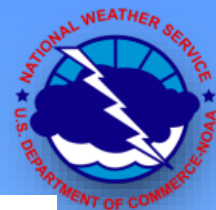
facebook

<https://www.facebook.com/NWSSouthern>

twitter

@NWS_Southern_US https://twitter.com/NWS_Southern_US

The criteria for the color codes in our briefings is below, please provide any feedback to sr-srh.roc@noaa.gov.



| Weather "Threat" Matrix | | | |
|-------------------------|--|---|--|
| Color | Definition | Criteria | Example(s) |
| Green | Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines | Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active | <ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX |
| Yellow | Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life | Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook | <ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail |
| Orange | Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life | Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions | <ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected |
| Red | Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life | Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought | <ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue |
| Purple | Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life | Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought | <ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms |